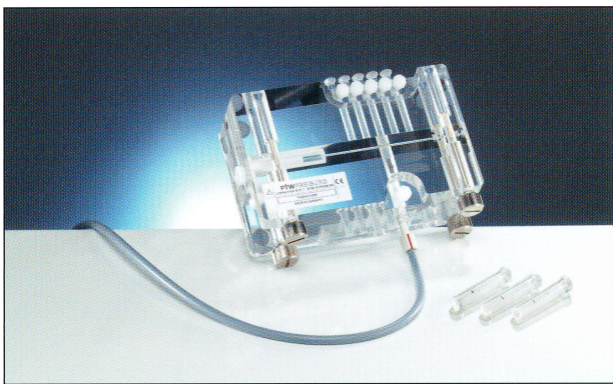


OPTIDOS®

Measuring Phantoms



Acrylic phantoms for dose verification of intravascular brachytherapy sources using the OPTIDOS dosemeter

Features

- ▶ Serve for source strength verification of intravascular low energy radiation sources
- ▶ Accommodate the scintillation detector of the OPTIDOS dosemeter very precisely
- ▶ Different phantoms for various types of intravascular brachytherapy units are available

The OPTIDOS phantoms are needed to verify the source strength of low energy beta and photon sources for intravascular brachytherapy (for reduction of arterial restenosis risk). The acrylic (PMMA) phantoms accommodate the OPTIDOS scintillation detector at a distance of 2 mm from the catheter axis according to AAPM TG-60. The phantoms are also intended for dose distribution measurement of brachytherapy sources by measuring the depth dose curve as well as the longitudinal and rotational homogeneity of line sources at given measuring positions of the scintillation probe. Each phantom accommodates a catheter of a radiation unit for source positioning inside the phantom. Different phantom types are used for various types of radiation units. A catheter is not included in the delivery. Optionally a carrying case is available, suitable for an OPTIDOS dosemeter, a phantom and accessories.

All applications other than quality control and dose verification in intravascular brachytherapy are off-label uses according to the FDA and therefore at users own responsibility.

Ordering Information

T43013.1.010 OPTIDOS Measuring phantom, Novoste
T43022.1.010 OPTIDOS Measuring phantom, Cordis

Options

T10013.1.020 Carrying case
T43013.1.011 Radiation protection device

- ▶ OPTIDOS Brachytherapy Dosemeter *page 36*